Network Camera Range Guide

See the difference

you can

Canon

Canon: the comprehensive surveillance solution

The choice for high quality network video solutions. With a 70 year heritage and a focus on innovation, Canon offers everything you need to monitor and protect your environment.

Canon network cameras are compatible with today's smartest software. So you can transform surveillance data into meaningful and actionable information efficiently and accurately.

Canon's RM Software

Canon's RM Video Recording Software supports H.264 compression so you can capture high resolution megapixel video without driving up your storage costs. Connect up to 64 cameras to one storage erver. Innovative keyword Tagging and Filtering features make it easier to analyse data from multi-camera environments.

Third Party Software

Develop your ideal solution – using your choice of software together with Canon network cameras. Canon supports seamless integration through the use of the Canon network camera SDK and HTTP protocol specification.

ONVIF Standardisation

Canon is a full member of ONVIF – the industry forum dedicated to the development of a global IP-based physical security interface standard.

Canon's Standard definition and 1.3 MP network camera's are ONVIF V1.02 compliant, whilst the Full-HD Network cameras are ONVIF V2.2 Profile S compliant. This means you can choose a Canon Network camera safe in the knowledge that it will integrate with your ONVIF video management software.

As an advocate of open standards, Canon is actively shaping the future of IP surveillance through its participation in ONVIF.

High quality network cameras with standard, HD and Full-HD resolution

Canon surveillance cameras offer a wide choice of construction, field of view and video compression formats, so you can select a model that's tailor-made for your workload.

|	Standard Definition Network Cameras				High Definition Network Cameras				Full-HD Network Cameras			
	VB-C500D	VB-C500VD	VB-C300	VB-C60	VB-M700F	VB-M600D	VB-M600VE	VB-M40/B	VB-H710F	VB-H610D	VB-H610VE	VB-H41/B
Camera Type	Fixed Dome	Fixed Dome (Vandal-resistant)	Pan Tilt Zoom	Pan Tilt Zoom	Fixed Box	Fixed Dome	Fixed Dome (Vandal-resistant and IP66)	Pan Tilt Zoom	Fixed Box	Fixed Dome	Fixed Dome (Vandal-resistant and IP66)	Pan Tilt Zoom
Image Sensor	1/4 inch CCD with Primary Colour Filter Progressive Scan	1/4 inch CCD with Primary Colour Filter Progressive Scan	1/4 inch CCD with Primary Colour Filter Progressive Scan	1/4 inch CCD with Primary Colour Filter Progressive Scan	1/3 inch CMOS with Primary Colour Filter Progressive Scan	1/3 inch CMOS with Primary Colour Filter Progressive Scan	1/3 inch CMOS with Primary Colour Filter Progressive Scan	1/3 inch CMOS with Primary Colour FilterProgressive Scan	1/3 inch CMOS with primary colour filter Progressive scan	1/3 inch CMOS with primary colour filter Progressive scan	1/3 inch CMOS with primary colour filter Progressive scan	1/3 inch CMOS with primary colour filter Progressive scan
Max Video Resolution	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	1280 x 960 (1.3 MP)	1280 x 960 (1.3 MP)	1280 x 960 (1.3 MP)	1280 x 960 (1.3 MP)	1920 x 1080 (2.1 MP)	1920 x 1080 (2.1 MP	1920 x 1080 (2.1 MP)	1920 x 1080 (2.1 MP)
Lens	2.4 x Optical Zoom Lens (Manual Focus) 2.6mm (Wide) - 6.2mm (Telephoto)	2.4 x Optical Zoom Lens (Manual Focus) 2.6mm (Wide) - 6.2mm (Telephoto)	2.4 x Optical Powered Zoom Lens (at Infinity Focus) 3.0mm (Wide) - 7.2mm (Telephoto)	40 x Optical Powered Zoom Lens with Auto Focus 3.4mm (Wide) – 136.0mm (Telephoto)	3 x Optical Zoom Lens (Electric Drive) 2.8mm (Wide) – 8.4mm (Telephoto)	3 x Optical Zoom Lens (Electric Drive) 2.8mm (Wide) – 8.4mm (Telephoto)	3 x Optical Zoom Lens (Electric Drive) 2.8mm (Wide) – 8.4mm (Telephoto)	20 x Optical Powered Zoom Lens with Auto Focus (and 4x Digital Zoom) 4.7mm (Wide) – 94mm (Telephoto)	3x optical zoom lens (electric drive) 4x digital zoom 2.8mm (wide) – 8.4mm (telephoto)	3x optical zoom lens (electric drive) 4x digital zoom 2.8mm (wide) – 8.4mm (telephoto)	3x optical zoom lens (electric drive) 4x digital zoom 2.8mm (wide) – 8.4mm (telephoto)	20x optical powered zoom lens with auto focus 12x digital zoom 4.7mm (wide) – 94mm (telephoto)
Brightness of Lens	f/1.1 – f/1.4	f/1.1 – f/1.4	f/2.0 – f/3.4	f/1.6 – f/5.6	f/1.2 – f/2.0	f/1.2 – f/2.0	f/1.2 – f/2.0	f/1.6 – f/3.5	f/1.2 – f/2.0	f/1.2 – f/2.0	f/1.2 – f/2.0	f/1.6 – f/3.5
Minimum Subject Illumination	Day Mode: 0.2 lux (Colour, f/1.1 at 1/30 sec, SSC on) Night Mode: 0.1 lux (Mono, f/1.1 at 1/30 sec, SSC on)	Day Mode: 0.2 lux (Colour, f/1.1 at 1/30 sec, SSC on) Night Mode: 0.1 lux (Mono, f/1.1 at 1/30 sec, SSC on)	Day Mode: 1 lux (Colour, f/2.0 at 1/30 sec) Night Mode: 0.25 lux (Mono, f/2.0 at 1/30 sec)	Day Mode: 0.7 lux (Colour, f/1.6 at 1/30 sec) Night Mode: 0.2 lux (Mono, f/1.6 at 1/30 sec)	Day Mode: 0.25 lux (Colour, f/1.2 at 1/30 sec, SSC off, 50IRE) Night Mode: 0.008 lux (Mono, f/1.2 at 1/30 sec, SSC off, 50IRE)	Day Mode: 0.25 lux (Colour, f/1.2 at 1/30 sec, SSC off, 50IRE) Night Mode: 0.008 lux (Mono, f/1.2 at 1/30 sec, SSC off, 50IRE)	Day Mode: 0.25 lux (Colour, f/1.2 at 1/30 sec, SSC off, 50IRE) Night Mode: 0.008 lux (Mono, f/1.2 at 1/30 sec, SSC off, 50IRE)	Day Mode: 0.4 lux (Colour, f/1.6 at 1/30 sec, SSC off, 50IRE) Night Mode: 0.01 lux (Mono, f/1.6 at 1/30 sec, SSC off, 50IRE)	Day Mode: 0.3 lux (Colour, f/1.2 at 1/30 sec, SSC off, 50IRE) Night Mode: 0.015 lux (Mono, f/1.2 at 1/30 sec, SSC off, 50IRE)	Day Mode: 0.3 lux (Colour, f/1.2 at 1/30 sec, SSC off, 50IRE) Night Mode: 0.015 lux (Mono, f/1.2 at 1/30 sec, SSC off, 50IRE)	Day Mode: 0.3 lux (Colour, f/1.2 at 1/30 sec, SSC off, 50IRE) Night Mode: 0.015 lux (Mono, f/1.2 at 1/30 sec, SSC off, 50IRE)	Day Mode: 0.4 lux (Colour, f/1.6 at 1/30 sec, SSC off, 50IRE) Night Mode: 0.01 lux (Mono, f/1.6 at 1/30 sec, SSC off, 50IRE)
Horizontal Angle of View	82.0° (Wide) – 34.0° (Telephoto)	82.0° (Wide) – 34.0° (Telephoto)	70.8° (Wide) - 29.6° (Telephoto)	55.8° (Wide) - 1.5° (Telephoto)	102.5° (Wide) – 34.2° (Telephoto)	101.2° (Wide) – 33.7° (Telephoto)	101.2° (Wide) – 33.7° (Telephoto)	55.4° (Wide) – 2.8° (Telephoto)	112° (wide) – 33.7° (telephoto)	112° (wide) – 33.7° (telephoto)	112° (wide) – 33.7° (telephoto)	60.4° (wide) – 3.2° (telephoto)
Day and Night	Digital Night Mode	Digital Night Mode	Infrared Cut Filter	Infrared Cut Filter	Infrared Cut Filter	Infrared Cut Filter	Infrared Cut Filter	Infrared Cut Filter	Infrared cut filter	Infrared cut filter	Infrared cut filter	Infrared cut filter
Video Compression Method	Motion JPEG and MPEG4 JPEG (Still Images)	Motion JPEG and MPEG4 JPEG (Still Images)	Motion JPEG JPEG (Still Images)	Motion JPEG and MPEG4 JPEG (Still Images)	Motion JPEG and H.264 JPEG (Still Images)	Motion JPEG and H.264 JPEG (Still Images)	Motion JPEG and H.264 JPEG (Still Images)	Motion JPEG and H.264 JPEG (Still Images)	Motion JPEG and H.264 JPEG (still images)	Motion JPEG and H.264 JPEG (still images)	Motion JPEG and H.264 JPEG (still images)	Motion JPEG and H.264 JPEG (still images)
Max Frame Rate	30 fps	30 fps	25 fps (PAL)	30 fps	30 fps	30 fps	30 fps	30 fps	30 fps	30 fps	30 fps	30 fps
Audio Support	Two-way	Two-way	Two-way	Two-way	Two-way	Two-way	Two-way	Two-way	Two-way	Two-way	Two-way	Two-way
Alarm I/O	2 x Inputs / 2 x Outputs	2 x Inputs / 2 x Outputs	2 x Inputs / 1 x Output	2 x Inputs / 2 x Outputs	2 x Inputs / 2 x Outputs	2 x Inputs / 2 x Outputs	2 x Inputs / 2 x Outputs	2 x Inputs / 2 x Outputs	2 x Inputs / 2 x Outputs	2 x Inputs / 2 x Outputs	2 x Inputs / 2 x Outputs	2 x Inputs / 2 x Outputs
Intelligent Function	–	–	–	–	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Volume Detection
Network	IPv4 and IPv6	IPv4 and IPv6	IPv4	IPv4 and IPv6	IPv4 and IPv6	IPv4 and IPv6	IPv4 and IPv6	IPv4 and IPv6	IPv4 and IPv6	IPv4 and IPv6	IPv4 and IPv6	IPv4 and IPv6
Security	IPSEC	IPSEC	–	IPSEC	IPSEC and Secure HTTP	IPSEC and Secure HTTP	IPSEC and Secure HTTP	IPSEC and Secure HTTP	IPSEC and Secure HTTP	IPSEC and Secure HTTP	IPSEC and Secure HTTP	IPSEC and Secure HTTP
Power Options	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)	PoE 12V DC 24V AC Canon PA-V17 (AC adapter)
Outdoor Rating	–	–	–	–	–	–	IP66	–	–	–	IP66	–
Other	–	–	–	–	ONVIF Angle of View Tool (zoom only) Privacy Masking Backup Recording On SD Memory Card	ONVIF Angle of View Tool Privacy Masking Backup Recording On SD Memory Card	ONVIF Angle of View Tool Privacy Masking Backup Recording On SD Memory Card	ONVIF Angle of View Tool Privacy masking SD, SDHC and SDXC memory card compatible	ONVIF Angle of View Tool (zoom only) Privacy masking SD, SDHC and SDXC memory card compatible	ONVIF Angle of View Tool Privacy masking SD, SDHC and SDXC memory card compatible	ONVIF Angle of View Tool Privacy masking SD, SDHC and SDXC memory card compatible	ONVIF Angle of View Tool Privacy masking SD, SDHC and SDXC memory card compatible

Smart accessories that add value: Wherever you deploy your Canon network camera, and whichever models you choose, you'll find quality accessories to power, mount and protect your device – both indoors and outdoors.

Product Code or Series Name	Product Description	Image	VB-M40/B VB-H41/B	VB-M600VE VB-H610VE	VB-M600D VB-H610D	VB-M700F VB-H710F	VB-C500VD	VB-C500D	VB-C60	VB-C300	Indoor / outdoor	IP Rating	Installation	Max Operation Temp Range	Blower and Heating Unit	Weight (approx)
A-ODW	5 or 7 inch Outdoor Dome Housing with Wall Mount (Clear or Tinted) with or without Sunshield and Colour options – Silver, Off White and Dark Brown		●	●	●			●	●	●	Outdoor	IP54, IP66 selectable	Wall	-20 to 40°C	Included	4kg
A-ODP_B	5 or 7 inch Outdoor Dome Housing with Pendant Ceiling Mount (Clear or Tinted) with or without Sunshield and Colour options – Silver, Off White and Dark Brown		●	●	●			●	●	●	Outdoor	IP54, IP66 selectable	Wall	-20 to 40°C	Included	4.5kg
A-SWD5V	Indoor and Under Canopy 'Vandal' Dome Housing (Clear and Tinted)		●					●	●	●	Indoor and Under Canopy	IP66	Ceiling / Wall *	-20 to 40°C	Optional	2.3kg
A-SWD5Z	Indoor and Under Canopy 'Tough' Dome Lite (Clear and Tinted)		●					●		●	Indoor and Under Canopy	IP66	Ceiling / Wall *	-20 to 40°C	Optional	1.1kg
A-SWD5	Indoor and Under Canopy 'Surface Wedge' Dome Housing (Clear and Tinted)									●	Indoor and Under Canopy	IP54, IP66 selectable	Ceiling / Wall *	-20 to 40°C	Optional	1.2kg
A-OH15F	Outdoor Conventional Housing with Wall Mount Colour options – Standard White, Off White and Dark Brown					●					Outdoor	IP33, IP43 selectable	Wall	-20 to 40°C	Optional	1.45kg
A-SWD5ZWB600	Wall Adaptor Bracket for VB-M600 Series Cameras			●	●						Indoor or Outdoor	n/a	Wall	Camera Operating Temperature	n/a	2kg
DR40-S-VB	Indoor Dome Housing (Smoked)		●								Indoor	n/a	Ceiling	-10 to 50°C	n/a	756g
DR40-C-VB	Indoor Dome Housing (Clear)		●								Indoor	n/a	Ceiling	-10 to 50°C	n/a	756g
SS40-S-VB	Ceiling Mount Cover (Silver)		●								Indoor	n/a	Ceiling	Camera Operating Temperature	n/a	270g
SS40-B-VB	Ceiling Mount Cover (Black)		●								Indoor	n/a	Ceiling	Camera Operating Temperature	n/a	270g
SR600-VB	Recessed Mounting Kit			●	●						Indoor	n/a	Ceiling	Camera Operating Temperature	n/a	687g
VB-RD51S-S	Indoor Dome Housing (Smoked)								●		Indoor	n/a	Ceiling	-10 to 50°C	n/a	522g
VB-RD51S-C	Indoor Dome Housing (Clear)								●		Indoor	n/a	Ceiling	-10 to 50°C	n/a	522g
SS60-S-VB	Ceiling Mount Cover (Silver)								●		Indoor	n/a	Ceiling	Camera Operating Temperature	n/a	270g
SS60-B-VB	Ceiling Mount Cover (Black)								●		Indoor	n/a	Ceiling	Camera Operating Temperature	n/a	270g
SR500-S-VB	Recessed Mounting Kit						●	●			Indoor	n/a	Ceiling	Camera Operating Temperature	n/a	395g
VB-RD41S-S	Indoor Dome Housing (Smoked)									●	Indoor	n/a	Ceiling	-10 to 50°C	n/a	372g
VB-RD41S-C	Indoor Dome Housing (Clear)									●	Indoor	n/a	Ceiling	-10 to 50°C	n/a	372g
PA-V17	AC Power Supply		●	●	●	●	●	●	●	●						

* When using the 'Wall' mount option for PTZ type cameras it is required to use a specific wall mount bracket together with the housing. Use the A-SWD5ZWB wall mount with A-SWD5V / A-SWD5Z housings and A-SWD5WB wall.

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